

Morbidity and Mortality

Weekly
Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the

COMMUNICABLE DISEASE CENTER

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON
DEATHS IN SELECTED CITIES FOR WEEK ENDED DECEMBER 5, 1964

BRUCELLOSIS SURVEILLANCE - ANNUAL SUMMARY

EPIDEMIOLOGIC NOTES

INFLUENZA

Widely scattered reports only of influenza virus infections have been received during the fall months of 1964. Previously reported influenza foci have been limited geographically, most appear to have subsided. (See MMWR, Vol. 13, Nos. 40 and 44.)

The late summer-early fall outbreak in Puerto Rico, from which type A₂ virus was recovered, has gradually subsided although, in a few areas in the southern part of the Island some cases may still be occurring.

In Oregon, there has been no evident extension of influenza-like illnesses in those areas in which serologically confirmed A₂ infections were reported during the early fall.

In Hawaii, the previously reported type B influenza outbreaks appear to have waned. Primarily affected were the younger age groups. Absenteeism up to 20 percent in some of the Oahu Island schools was observed. From clinical specimens provided by the Hawaii Department of Health, influenza type B has recently been isolated at CDC.

Type B influenza has been serologically confirmed among students at the University of Maine, who were ill primarily in early October. Only 12 to 15 clinically recognizable cases occurred on the campus; there is little evidence of influenza in the adjacent community or in the State. Clinically specimens from suspect, mild cases in adjoining regions of central Maine were collected in late November but have not yielded viral agents in initial processing.

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Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

Disease	49th Week Ended		Median 1959 - 1963	Cumulative, First 49 Weeks		
	December 5, 1964	December 7, 1963		1964	1963	Median 1959 - 1963
Aseptic meningitis	38	35	---	2,040	1,741	---
Brucellosis	8	6	11	380	343	556
Diphtheria	26	11	26	275	262	554
Encephalitis, primary infectious ..	30	---	---	3,063	---	---
Encephalitis, post-infectious	11	29	---	759	1,466	---
Hepatitis, infectious including serum hepatitis	696	886	911	35,643	40,528	40,528
Measles	2,712	3,712	3,712	451,085	377,354	409,236
Meningococcal infections	60	43	51	2,556	2,208	2,083
Poliomyelitis, Total	1	6	19	114	423	1,299
Paralytic	-	4	11	88	362	846
Nonparalytic	1	2	---	14	44	---
Unspecified	-	-	---	12	17	---
Streptococcal Sore Throat and Scarlet fever	7,732	7,648	---	368,470	317,263	---
Tetanus	7	5	---	261	266	---
Tularemia	5	3	---	309	272	---
Typhoid fever	4	16	16	419	515	776
Rabies in Animals	73	80	64	4,233	3,557	3,425

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax: Ida. - 1	5	Psittacosis: Ga - 1	43
Botulism:	15	Rabies in Man:	1
Leptospirosis: Ark - 1, Hawaii - 1, Fla - 1	102	Smallpox:	-
Malaria: Ill - 1, N.C. - 1, Calif - 1	93	Typhus-	
Plague:	-	Murine:	23
		Rky Mt. Spotted:	220

INFLUENZA (Continued from front page)

Serological diagnosis of A₂ influenza as the cause of an atypical illness in a Loyola College (Baltimore) student in mid-fall was made by the Maryland State Department of Health Laboratory. There were no recognized associated cases, and no source for this isolated event has been uncovered.

There has been no evident pattern in the sporadic activity of influenza viruses in the current season. Available indices do not give evidence of either widespread or substantial amounts of "influenza-like" illness.

SALMONELLOSIS IN THE UNITED STATES
MONTHLY REPORT

During October 1964, there were 1,848 human isolations of salmonella organisms reported to the Salmonella Surveillance Unit by State Health Departments and other participating laboratories. This represents a slight decline in the number of salmonella isolates from the peak summer months. *Salmonella typhi-murium*, was the most frequently isolated serotype. *Salmonella infantis* was the second most frequently recovered serotype during the months of September and October. The unusually high frequency of this serotype reflects principally a large hospital outbreak in a northeastern city. The number of *Salmonella derby* isolations continues to decrease which mirrors the gradual waning of a large interstate hospital outbreak in the Northeast.

Reported Isolates of Salmonellae from Human Sources
October 1964

Serotype	Number	Percent of Total
<i>S. typhi-murium</i> & <i>S. typhi-murium</i> var. <i>copenhagen</i>	473	25.6
<i>S. infantis</i>	246	13.3
<i>S. newport</i>	137	7.4
<i>S. heidelberg</i>	135	7.3
<i>S. derby</i>	85	4.6
<i>S. saint-paul</i>	74	4.0
<i>S. enteritidis</i>	66	3.6
Other serotypes	632	34.2
Total	1,848	100.0

(Reported by the Salmonella Surveillance Unit, CDC)

EPIDEMIOLOGIC REPORTS

METHEMOGLOBINEMIA — New York City

Five infants in a newborn nursery developed methemoglobinemia due to exposure to aniline dye. On October 13, a resident physician in a New York City hospital noticed that 2 infants in the newborn nursery had become

cyanotic in appearance. Additional cases were searched for, and a total of 5 infants were discovered to be cyanotic. A blood sample was taken from one of the affected infants which contained 67 percent methemoglobin. Following this, all of the cyanotic infants were treated with concentrated oxygen and intravenous methylene blue.

It was observed that the diapers the cyanotic infants were wearing had been freshly labeled and a definite phenolic odor was noted. These diapers had been clearly labeled with heavy ink stain across the entire surface. Because of an urgent need for diapers, and contrary to regulation, these diapers had been autoclaved rather than boiled prior to use. The dye contained 30 percent aniline. The situation was remedied by boiling all of the diapers and no further cases occurred.

(Reported by the Poison Control Center, Chemical Laboratory and Bureau of Preventable Diseases, Department of Health, New York City)

Editor's Note: There have been several previous outbreaks of methemoglobinemia in newborn infants due to cutaneous absorption of aniline dye in freshly stamped diapers. The first reported outbreak dates back to 1886, in London, England.*

* Rayner, W.: Cyanosis in Newly Born Children Caused by Aniline Marking Ink, Brit. Med. Journal 1:294, 1886.

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BRUCELLOSIS SURVEILLANCE ANNUAL SUMMARY

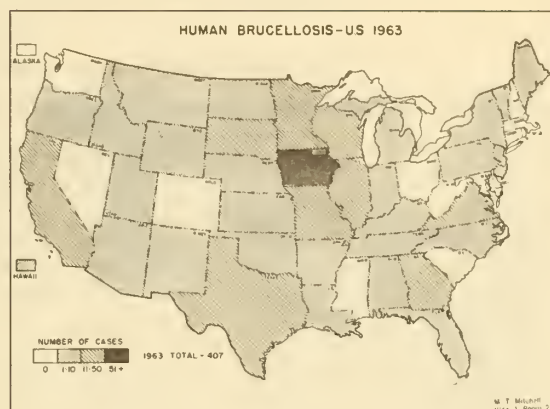
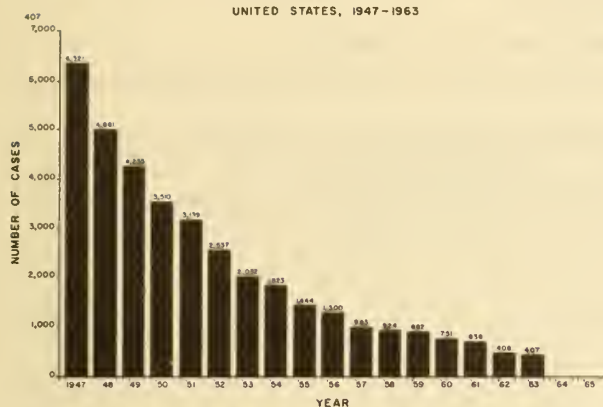
In 1963, as in each year since 1947, the number of reported human cases of brucellosis declined. During 1963, there were 407 humans, 4,364 swine, and 130, 450 cattle reported infected with brucellosis.

The figure opposite depicts the remarkable decrease in reported human cases since 1947 when over 6,000 were recorded as compared to 1963 when only 407 cases were reported. A major reason for the decline in human cases of brucellosis has been a joint Federal-State bovine brucellosis eradication program initiated in 1934. With the decline of bovine infections, there has been a relative increase in the importance of swine as a source of human brucellosis.

Geographic Distribution

Brucellosis continues to be found in most parts of the country with 33 States reporting cases last year. As in previous years, the largest number of human cases was reported from the North Central States and California. Iowa reported 155 cases, the greatest number of human cases of any State in 1963.

REPORTED HUMAN BRUCELLOSIS
UNITED STATES, 1947-1963



Epidemiologic Summaries

Brucellosis surveillance reports for 257 of the 407 reported cases of human brucellosis were submitted by the States during 1963. Analysis of these shows that 122 cases occurred in packing-house workers, representing nearly 50 percent of the case histories containing occupational information. Farm workers accounted for 44 additional cases (17 percent). There were 12 veterinarians (5 percent) among the group reported infected.

Contact with infected swine accounted for the largest proportion of cases; 106 followed contact with swine alone, 38 with cattle alone and 38 with swine and cattle. Fifteen were attributed to raw milk ingestion, and 8 were due to accidental injection of strain 19 brucellosis vaccine.

(Surveillance Summary provided by the Veterinary Public Health Section, CDC.)

HUMAN BRUCELLOSIS CASES - 1963
BY OCCUPATION AND PROBABLE SOURCE OF INFECTION

Occupation	PROBABLE SOURCE OF INFECTION								Total
	Swine	Cattle	Cattle and Swine	Sheep or Goat	Packing-house	Raw Milk	Accidental Inoculation	Other and Not Stated	
Packing-house worker	83	10	14		15				122
Rendering plant workers			2						2
Stackyard worker		1	1						2
Farm worker									
Livestock Farmers	17	17	8	1			1		44
Dairy Farmers		4							4
Farmers Unspecified								8	8
Housewives and Children	5	1	4			10		11	31
Professional									
Veterinarians		2	3				7		12
Other	1		1				1		3
Other Occupations									
Meat Associated		3	4						7
Miscellaneous			1			2		10	13
Not Stated						3		6	9
Total	106	38	38	1	15	15	9	35	257

Source: Epidemiologic Case Histories submitted to the Communicable Disease Center by various State Health Departments.

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 5, 1964 AND DECEMBER 7, 1963 (49TH WEEK)

Area	Aseptic Meningitis		Encephalitis		Poliomyelitis, Total Cases				Poliomyelitis, Paralytic			
			Primary	Post-Inf.	1964	1963	Cumulative		1964	1963	Cumulative	
	1964	1963					1964	1963			1964	1963
UNITED STATES...	38	35	30	11	1	6	114	423	-	4	88	362
NEW ENGLAND.....	2	-	1	1	-	-	2	9	-	-	2	9
Maine.....	-	-	-	-	-	-	-	3	-	-	-	3
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	1	-	-	-	1
Massachusetts.....	1	-	1	-	-	-	-	3	-	-	-	3
Rhode Island.....	1	-	-	1	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	-	-	-	2	2	-	-	2	2
MIDDLE ATLANTIC.....	1	2	13	2	-	2	15	122	-	1	13	98
New York City.....	-	1	6	-	-	1	2	1	-	-	2	-
New York, Up-State.....	-	1	1	1	-	1	10	10	-	1	9	7
New Jersey.....	1	-	3	-	-	-	3	4	-	-	2	3
Pennsylvania.....	-	-	3	1	-	-	-	107	-	-	-	88
EAST NORTH CENTRAL...	4	1	5	1	-	-	24	58	-	-	16	47
Ohio.....	-	1	3	-	-	-	4	8	-	-	2	4
Indiana.....	-	-	1	-	-	-	9	4	-	-	6	3
Illinois.....	2	-	-	1	-	-	5	17	-	-	5	16
Michigan.....	1	-	-	-	-	-	3	20	-	-	2	20
Wisconsin.....	1	-	1	-	-	-	3	9	-	-	1	4
WEST NORTH CENTRAL...	3	-	3	-	-	-	10	7	-	-	8	6
Minnesota.....	3	-	1	-	-	-	3	4	-	-	2	4
Iowa.....	-	-	-	-	-	-	1	-	-	-	1	-
Missouri.....	-	-	-	-	-	-	4	-	-	-	3	-
North Dakota.....	-	-	-	-	-	-	1	1	-	-	1	-
South Dakota.....	-	-	-	-	-	-	-	1	-	-	-	1
Nebraska.....	-	-	1	-	-	-	-	1	-	-	-	1
Kansas.....	-	-	1	-	-	-	1	-	-	-	1	-
SOUTH ATLANTIC.....	-	9	2	-	1	2	35	99	-	1	28	85
Delaware.....	-	-	-	-	-	-	-	1	-	-	-	1
Maryland.....	-	-	-	-	-	-	1	1	-	-	1	1
Dist. of Columbia..	-	-	-	-	-	-	-	1	-	-	-	-
Virginia.....	-	-	2	-	-	-	4	21	-	-	4	16
West Virginia.....	-	-	-	-	-	-	1	3	-	-	1	3
North Carolina.....	-	-	-	-	-	-	12	5	-	-	7	4
South Carolina.....	-	2	-	-	-	-	3	8	-	-	3	7
Georgia.....	-	-	-	-	-	-	3	21	-	-	3	20
Florida.....	-	7	-	-	1	2	11	38	-	1	9	33
EAST SOUTH CENTRAL...	5	2	1	-	-	-	6	73	-	-	5	67
Kentucky.....	1	-	-	-	-	-	-	-	-	-	-	-
Tennessee.....	-	-	1	-	-	-	3	11	-	-	2	10
Alabama.....	3	2	-	-	-	-	2	53	-	-	2	48
Mississippi.....	1	-	-	-	-	-	1	9	-	-	1	9
WEST SOUTH CENTRAL...	4	3	1	-	-	1	10	27	-	1	8	26
Arkansas.....	-	-	1	-	-	-	-	4	-	-	-	3
Louisiana.....	-	-	-	-	-	-	-	14	-	-	-	14
Oklahoma.....	-	1	-	-	-	-	3	1	-	-	2	1
Texas.....	4	2	-	-	-	1	7	8	-	1	6	8
MOUNTAIN.....	-	1	3	-	-	-	9	6	-	-	5	5
Montana.....	-	-	-	-	-	-	1	-	-	-	1	-
Idaho.....	-	-	-	-	-	-	1	1	-	-	1	1
Wyoming.....	-	-	-	-	-	-	2	-	-	-	2	-
Colorado.....	-	1	-	-	-	-	1	1	-	-	1	1
New Mexico.....	-	-	-	-	-	-	4	1	-	-	-	-
Arizona.....	-	-	2	-	-	-	-	3	-	-	-	3
Utah.....	-	-	1	-	-	-	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	19	17	1	7	-	1	3	22	-	1	3	19
Washington.....	2	1	-	-	-	-	-	2	-	-	-	2
Oregon.....	-	-	-	-	-	-	1	2	-	-	1	1
California.....	16	15	1	7	-	1	2	18	-	1	2	16
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	1	1	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	5	-	-	-	4

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 5, 1964 AND DECEMBER 7, 1963 (49TH WEEK) - CONTINUED

Area	Brucellosis		Diphtheria		Infectious Hepatitis including Serum Hepatitis						Typhoid Fever	
	1964	Cum.	1964	Cum.	Total	Under 20 years	20 years and over	Age Unknown	Cumulative		1964	Cum.
		1964		1964	1964	1964	1964	1964	1964	1963		1964
UNITED STATES...	8	380	26	275	696	320	314	62	35,643	40,528	4	419
NEW ENGLAND.....	-	2	-	44	42	18	20	4	3,182	4,641	-	17
Maine.....	-	-	-	39	11	6	3	2	984	2,112	-	-
New Hampshire.....	-	-	-	-	6	2	2	2	252	565	-	-
Vermont.....	-	-	-	-	4	1	3	-	370	128	-	-
Massachusetts.....	-	2	-	5	9	3	6	-	732	1,153	-	8
Rhode Island.....	-	-	-	-	8	4	4	-	210	109	-	6
Connecticut.....	-	-	-	-	4	2	2	-	634	574	-	3
MIDDLE ATLANTIC.....	-	8	-	10	135	50	85	-	7,780	8,052	-	68
New York City.....	-	-	-	5	35	8	27	-	1,236	1,267	-	34
New York, Up-State.....	-	4	-	-	53	22	31	-	3,370	3,476	-	15
New Jersey.....	-	-	-	2	24	8	16	-	1,279	1,181	-	2
Pennsylvania.....	-	4	-	3	23	12	11	-	1,895	2,128	-	17
EAST NORTH CENTRAL...	1	50	1	11	139	76	53	10	5,727	6,489	1	82
Ohio.....	-	5	-	-	34	22	11	1	1,508	1,777	-	21
Indiana.....	-	1	-	1	14	10	4	-	477	596	-	22
Illinois.....	1	29	1	9	32	15	17	-	1,089	1,341	-	23
Michigan.....	-	6	-	1	49	28	21	-	2,257	2,482	-	11
Wisconsin.....	-	9	-	-	10	1	-	9	396	293	1	5
WEST NORTH CENTRAL...	6	164	-	36	23	14	7	2	1,953	1,798	1	31
Minnesota.....	-	9	-	18	3	1	2	-	221	278	-	3
Iowa.....	4	103	-	-	4	1	1	2	345	320	-	4
Missouri.....	-	10	-	1	5	4	1	-	487	597	1	14
North Dakota.....	-	2	-	2	-	-	-	-	63	98	-	2
South Dakota.....	1	21	-	3	-	-	-	-	134	137	-	1
Nebraska.....	-	13	-	5	-	-	-	-	69	123	-	3
Kansas.....	1	6	-	7	11	8	3	-	634	245	-	4
SOUTH ATLANTIC.....	-	39	11	76	45	22	19	4	3,297	4,078	1	95
Delaware.....	-	-	-	-	1	-	-	1	74	76	-	-
Maryland.....	-	-	-	1	12	4	8	-	600	512	-	8
Dist. of Columbia..	-	-	-	-	1	-	1	-	69	108	-	-
Virginia.....	-	17	-	-	8	5	1	2	525	807	-	11
West Virginia.....	-	-	-	-	7	5	2	-	467	624	-	-
North Carolina.....	-	4	-	1	6	3	3	-	536	1,039	-	20
South Carolina.....	-	-	-	7	4	3	1	-	151	164	-	12
Georgia.....	-	14	2	32	-	-	-	-	106	168	-	27
Florida.....	-	4	9	35	6	2	3	1	769	580	1	17
EAST SOUTH CENTRAL...	-	18	-	30	46	29	17	-	2,418	3,678	1	43
Kentucky.....	-	6	-	-	14	12	2	-	847	1,101	-	10
Tennessee.....	-	5	-	2	18	11	7	-	860	1,405	-	19
Alabama.....	-	4	-	23	12	5	7	-	474	590	1	8
Mississippi.....	-	3	-	5	2	1	1	-	237	582	-	6
WEST SOUTH CENTRAL...	1	46	1	39	78	45	30	3	2,804	2,761	-	35
Arkansas.....	-	6	-	3	13	5	8	-	286	299	-	15
Louisiana.....	-	4	-	12	13	6	4	3	667	565	-	6
Oklahoma.....	1	9	1	1	1	1	-	-	132	122	-	9
Texas.....	-	27	-	23	51	33	18	-	1,719	1,775	-	5
MOUNTAIN.....	-	30	-	2	65	19	7	39	2,179	2,565	-	12
Montana.....	-	-	-	-	5	3	2	-	185	328	-	-
Idaho.....	-	-	-	-	8	-	-	8	307	432	-	-
Wyoming.....	-	-	-	-	5	1	1	3	91	42	-	1
Colorado.....	-	-	-	-	19	2	1	16	573	518	-	-
New Mexico.....	-	1	-	1	12	10	-	2	312	316	-	4
Arizona.....	-	2	-	1	10	-	-	10	475	585	-	7
Utah.....	-	26	-	-	6	3	3	-	185	326	-	-
Nevada.....	-	1	-	-	-	-	-	-	51	18	-	-
PACIFIC.....	-	23	13	27	123	47	76	-	6,303	6,466	-	36
Washington.....	-	-	-	13	20	10	10	-	640	1,070	-	2
Oregon.....	-	2	-	-	3	3	-	-	640	756	-	-
California.....	-	21	13	14	97	34	63	-	4,629	4,396	-	34
Alaska.....	-	-	-	-	3	-	3	-	278	201	-	-
Hawaii.....	-	-	-	-	-	-	-	-	116	43	-	-
Puerto Rico	-	-	-	13	1	1	-	-	932	842	-	13

Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 5, 1964 AND DECEMBER 7, 1963 (49TH WEEK) - CONTINUED

Area	Measles	Meningococcal Meningitis			Streptococcal Sore Throat and Scarlet Fever		Tetanus		Tularemia		Rabies in Animals	
		1964	Cumulative		1964	1963	1964	Cum. 1964	1964	Cum. 1964	1964	Cum. 1964
			1964	1963								
UNITED STATES...	2,712	60	2,556	2,208	7,732	7,648	7	261	5	309	73	4,233
NEW ENGLAND.....	750	7	89	130	871	749	-	9	-	1	2	35
Maine.....	103	1	7	19	217	64	-	-	-	-	-	28
New Hampshire.....	90	-	2	4	4	1	-	-	-	-	-	2
Vermont.....	-	-	4	6	36	25	-	-	-	-	2	4
Massachusetts.....	340	6	37	58	67	73	-	9	-	1	-	1
Rhode Island.....	90	-	11	12	51	60	-	-	-	-	-	-
Connecticut.....	127	-	28	31	496	526	-	-	-	-	-	-
MIDDLE ATLANTIC.....	93	8	337	311	349	453	-	22	-	1	-	117
New York City.....	21	1	46	48	17	19	-	-	-	-	-	-
New York, Up-State.....	26	2	102	99	247	291	-	8	-	-	-	109
New Jersey.....	20	2	106	48	40	74	-	6	-	-	-	-
Pennsylvania.....	26	3	83	116	45	69	-	8	-	1	-	8
EAST NORTH CENTRAL...	355	5	346	341	742	770	2	51	-	24	5	578
Ohio.....	68	2	91	98	77	105	-	14	-	2	-	290
Indiana.....	56	-	54	45	207	108	1	15	-	2	1	30
Illinois.....	12	-	92	70	6	128	1	14	-	14	3	114
Michigan.....	153	2	77	95	294	256	-	7	-	2	-	57
Wisconsin.....	66	1	32	33	158	173	-	1	-	4	1	87
WEST NORTH CENTRAL...	128	2	145	134	247	356	-	17	-	59	18	1,271
Minnesota.....	1	-	32	28	10	11	-	4	-	2	8	405
Iowa.....	30	-	9	7	58	54	-	6	-	1	5	450
Missouri.....	8	1	65	39	-	42	-	4	-	32	2	186
North Dakota.....	75	-	20	15	105	128	-	-	-	-	3	66
South Dakota.....	14	-	3	7	20	8	-	1	-	15	-	92
Nebraska.....	-	1	7	25	-	-	-	-	-	-	-	35
Kansas.....	NN	-	9	13	54	113	-	2	-	9	-	37
SOUTH ATLANTIC.....	321	8	509	404	739	543	2	63	1	31	9	577
Delaware.....	-	-	7	4	9	-	-	-	-	-	-	-
Maryland.....	5	3	41	57	90	24	1	4	-	-	-	3
Dist. of Columbia..	1	1	17	8	6	5	-	1	-	1	-	-
Virginia.....	51	2	63	86	255	200	1	8	-	7	8	309
West Virginia.....	245	-	35	21	271	248	-	1	-	-	-	36
North Carolina.....	12	-	87	77	7	19	-	15	-	7	-	5
South Carolina.....	-	-	57	23	30	45	-	5	-	-	-	2
Georgia.....	1	1	82	34	44	2	-	4	1	15	-	119
Florida.....	6	1	120	94	27	-	-	25	-	1	1	103
EAST SOUTH CENTRAL...	196	3	192	151	886	1,360	2	35	2	32	27	604
Kentucky.....	70	1	63	33	76	78	-	8	2	4	2	62
Tennessee.....	89	2	60	70	665	1,245	2	14	-	20	25	459
Alabama.....	33	-	43	25	95	15	-	8	-	3	-	20
Mississippi.....	4	-	26	23	50	22	-	5	-	5	-	63
WEST SOUTH CENTRAL...	205	8	237	202	809	747	-	29	-	106	10	605
Arkansas.....	-	2	33	14	2	1	-	8	-	65	2	145
Louisiana.....	-	-	129	81	1	7	-	4	-	6	7	73
Oklahoma.....	14	1	15	35	55	23	-	1	-	20	-	94
Texas.....	191	5	60	72	751	716	-	16	-	15	1	293
MOUNTAIN.....	379	5	96	78	1,368	1,658	-	6	2	52	-	141
Montana.....	172	-	1	3	53	77	-	-	-	19	-	1
Idaho.....	39	-	4	6	118	89	-	1	-	-	-	-
Wyoming.....	9	-	5	7	51	257	-	2	-	10	-	-
Colorado.....	27	1	22	21	387	592	-	-	-	-	-	8
New Mexico.....	58	4	39	4	326	417	-	1	-	-	-	52
Arizona.....	4	-	8	12	194	121	-	1	-	-	-	66
Utah.....	57	-	7	20	239	105	-	1	2	23	-	3
Nevada.....	13	-	10	5	-	-	-	-	-	-	-	11
PACIFIC.....	285	14	605	457	1,721	1,012	1	29	-	3	2	305
Washington.....	90	-	48	40	650	267	-	3	-	-	-	-
Oregon.....	33	-	25	33	24	30	-	1	-	1	-	11
California.....	107	14	512	357	981	617	1	23	-	2	2	294
Alaska.....	-	-	7	13	9	63	-	-	-	-	-	-
Hawaii.....	55	-	13	14	57	35	-	2	-	-	-	-
Puerto Rico	67	1	33	10	8	5	-	64	-	-	1	26

Table 4 (A). TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)^o

Area	For weeks ending				Area	For weeks ending			
	11/14	11/21	11/28	12/5		11/14	11/21	11/28	12/5
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.	245	222	176	287*	Atlanta, Ga.	125	137	104	145
Bridgeport, Conn.	27	39	38	50	Baltimore, Md.	237	281	213	298
Cambridge, Mass.	21	34	29	38	Charlotte, N.C.	41	46	35	39
Fall River, Mass.	22	27	17	39	Jacksonville, Fla.	82	58	64	82
Hartford, Conn.	50	51	42	67	Miami, Fla.	76	81	64	88
Lowell, Mass.	39	16	35	21	Norfolk, Va.	49	56	43	62
Lynn, Mass.	20	17	26	20	Richmond, Va.	99	85	82	102
New Bedford, Mass.	20	18	16	24	Savannah, Ga.	33	29	23	34
New Haven, Conn.	55	39	38	67	St. Petersburg, Fla.	62	68	62	70
Providence, R.I.	71	56	66	83	Tampa, Fla.	71	74	67	62
Somerville, Mass.	16	13	13	11	Washington, D.C.	197	221	174	220
Springfield, Mass.	61	41	55	41	Wilmington, Del.	43	47	34	53
Waterbury, Conn.	28	25	34	36	EAST SOUTH CENTRAL:				
Worcester, Mass.	61	49	58	60	Birmingham, Ala.	79	103	59	104
MIDDLE ATLANTIC:					Chattanooga, Tenn.	53	55	36	56
Albany, N.Y.	63	41	34	47	Knoxville, Tenn.	48	44	15	35
Allentown, Pa.	38	28	26	31	Louisville, Ky.	122	130	94	143
Buffalo, N.Y.	140	139	117	183	Memphis, Tenn.	122	112	91	133
Camden, N.J.	40	46	30	50	Mobile, Ala.	45	48	28	57
Elizabeth, N.J.	31	34	22	44	Montgomery, Ala.	27	30	20	39
Erie, Pa.	39	36	42	50	Nashville, Tenn.	85	100	78	88
Jersey City, N.J.	77	72	59	77	WEST SOUTH CENTRAL:				
Newark, N.J.	82	119	67	131	Austin, Tex.	39	36	21	48
New York City, N.Y.	1,664	1,706	1,608	1,782	Baton Rouge, La.	27	25	28	49
Paterson, N.J.	41	45	35	44	Corpus Christi, Tex.	35	24	18	25
Philadelphia, Pa.	404	506	594	527	Dallas, Tex.	117	106	133	159
Pittsburgh, Pa.	189	214	113	256	El Paso, Tex.	30	36	23	57
Reading, Pa.	52	58	55	40	Fort Worth, Tex.	53	79	71	80
Rochester, N.Y.	104	94	113	125	Houston, Tex.	157	218	136	267
Schenectady, N.Y.	27	17	18	36	Little Rock, Ark.	43	45	47	53
Scranton, Pa.	51	32	28	45	New Orleans, La.	156	180	198	265
Syracuse, N.Y.	70	50	53	65	Oklahoma City, Okla.	64	78	54	99
Trenton, N.J.	50	60	20	45	San Antonio, Tex.	99	108	88	113
Utica, N.Y.	24	37	22	23	Shreveport, La.	63	58	57	55
Yonkers, N.Y.	33	30	31	45	Tulsa, Okla.	82	40	58	59
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio.	74	73	59	57	Albuquerque, N. Mex.	36	47	16	36
Canton, Ohio.	39	35	33	29	Colorado Springs, Colo. ...	15	21	22	21
Chicago, Ill.	735	767	719	799	Denver, Colo.	98	155	119	136
Cincinnati, Ohio.	135	175	142	171	Ogden, Utah.	19	22	14	17
Cleveland, Ohio.	224	177	186	218*	Phoenix, Ariz.	84	90	97	102
Columbus, Ohio.	129	123	108	144	Pueblo, Colo.	13	19	23	21
Dayton, Ohio.	85	65	75	60	Salt Lake City, Utah.	46	50	35	53
Detroit, Mich.	390	353	352	354	Tucson, Ariz.	49	45	41	59
Evansville, Ind.	33	29	38	41	PACIFIC:				
Flint, Mich.	43	42	33	42	Berkeley, Calif.	18	13	24	21
Fort Wayne, Ind.	43	36	41	57	Fresno, Calif.	43	66	51	46
Gary, Ind.	24	28	35	33	Glendale, Calif.	25	29	16	60
Grand Rapids, Mich.	58	59	56	60	Honolulu, Hawaii.	40	56	53	56
Indianapolis, Ind.	142	162	160	175	Long Beach, Calif.	73	101	69	76
Madison, Wis.	41	22	55	37	Los Angeles, Calif.	405	579	479	572
Milwaukee, Wis.	138	116	117	152	Oakland, Calif.	91	103	92	92
Peoria, Ill.	25	24	31	39	Pasadena, Calif.	22	36	24	48
Rockford, Ill.	33	35	34	30*	Portland, Ore.	56	165	79	127
South Bend, Ind.	38	45	30	46	Sacramento, Calif.	65	62	62	62
Toledo, Ohio.	104	98	95	108	San Diego, Calif.	88	98	87	100
Youngstown, Ohio.	69	56	64	71	San Francisco, Calif.	153	251	171	212
WEST NORTH CENTRAL:					San Jose, Calif.	34	35	26	30
Des Moines, Iowa.	41	57	35	78	Seattle, Wash.	127	153	118	137
Duluth, Minn.	22	22	19	20	Spokane, Wash.	48	44	46	51
Kansas City, Kans.	24	32	28	28	Tacoma, Wash.	37	53	29	33
Kansas City, Mo.	158	124	133	124	^o Current Week Mortality for 108 Selected Cities				
Lincoln, Nebr.	29	36	20	28	4(A) Total Mortality, all ages.	12,946			
Minneapolis, Minn.	105	111	108	146	4(B) Pneumonia-Influenza Deaths, all ages.	488			
Omaha, Nebr.	60	76	47	94	4(C) Total Deaths under 1 Year of Age.	778			
St. Louis, Mo.	227	256	189	294	4(D) Total Deaths, Persons 65 years and over.	7,148			
St. Paul, Minn.	52	67	49	74					
Wichita, Kans.	45	50	32	62					

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

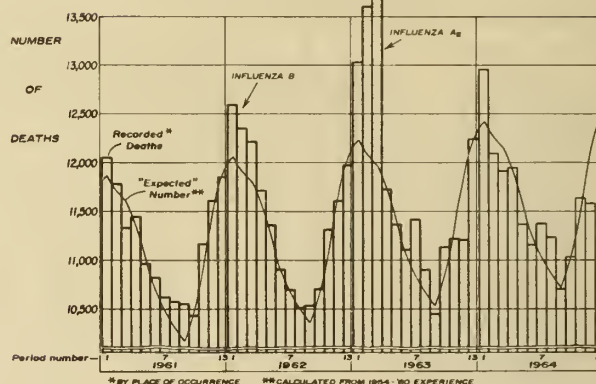
Morbidity and Mortality Weekly Report

TOTAL DEATHS REPORTED IN 108 CITIES

The weekly average number of total deaths in 108 cities for the four-week period ending December 5 was 11,589 as compared with an expected weekly average of 12,068.

	Week Ending				4-Week	Weekly
	11/14	11/21	11/28	12/5	Total	Average
Observed	11,079	11,914	10,416	12,946	46,355	11,589
Expected	11,881	12,014	12,135	12,243	48,273	12,068
Excess	-802	-100	-1,719	703	-1,918	-479

TOTAL DEATHS RECORDED IN 108 U.S. CITIES
Average Number per Week by Four-Week Periods



EPIDEMIOLOGIC NOTES – (Continued from page 430)

ANTHRAX - Idaho

This week a case of anthrax was reported from Idaho in a 48-year-old male butcher who developed a cutaneous lesion on a finger from which *Bacillus anthracis* was cultured. During the days preceding his illness, he had dressed a number of deer brought to him by local hunters. Investigations are in progress to trace the meat with which he had contact in an attempt to identify the source of infection. There have been no reported cases of anthrax among deer or other animals in Idaho during this or recent years. The last human case reported from this State was a suspect cutaneous lesion in a meat packing house employee in 1956. This is the fifth human case of anthrax reported this year.

(Reported by Dr. John A. Mather, Director, Division of Preventive Medicine, Idaho Department of Health.)

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Service
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IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MDRBIOTY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASES, SUCH ACCOUNTS SHOULD BE ADDRESSED TO:

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTES: THESE PROVISIONAL DATA ARE BASED ON WEEKLY TELEGRAMS TO THE COMMUNICABLE DISEASE CENTER BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS.

SYMBOLS: -.. OATA NOT AVAILABLE
- QUANTITY ZERO

PROCEDURES FOR CONSTRUCTION OF VARIOUS MORTALITY CURVES
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